APPENDIX C



lalign output for HopE vs. SEQ ID NO:809

[ISREC-Server] Date: Tue Nov 5 0:34:27 MET 2002

./wwwtmp/lalign/.27078.1.seq : 239 aa								
ALIGN calculates a global alignment of two sequences version 2.0uPlease cite: Myers and Miller, CABIOS (1989) 4:11-17 hopE 239 aa vs. 148 aa scoring matrix: BLOSUM50, gap penalties: -14/-4 47.3% identity; Global alignment score: 309 10 20 30								
version 2.0uPlease cite: Myers and Miller, CABIOS (1989) 4:11-17								
hopE						239 aa vs.		DEC
809	o matriv.	BLOSHM5	n dan nen	alties: -1		148 aa		_ DEC 0 & chin
scoring matrix: BLOSUM50, gap penalties: -14/-4 47.3% identity; Global alignment score: 309 TECH CFNTCD								
* . * = -			3	- 9	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			1600,2900 I
				10	20	30		-/2500
HopE				-		YNTGDCTGSVV		·
809	::::::::::::::::::::::::::::::::::::::							
009		ацоццзаv. 10	20 .	_	40	50	60	
		10	20	30	10	30		
	40	50	60	70	80	90		
HopE					-	TSKWFGFRVYG		
200						:::::::::::::::::::::::::::::::::::::::		
809		PGGTNINW:	HSKYANGALN 80	GFGLNVGYKK 90	KFFQFKSLDM' 100	TSKWFGFRVYG 110	LFDY 120	
		70	80	90	100	110	120	
	100	110	120	130	140	150		
НорЕ	GHADLGKQ	VYAPNKIQ:	LDMVSWGVGS	DLLADIIDKD	NASFGIFGG	VAIGGNTWKSS	AANY	
	:::::::::::::::::::::::::::::::::::::::							
809	_		LDMVSWGVGS					
	1	30	140					
	160	170	180	190	200	210		
НорЕ						IYKHNGVEFGV	RVPL	
-		.:						
809		IC						
	220	230						
НорЕ	LINKFLSA		YHLKRD					
-1								
809								